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ANALYSIS AND DESIGN OF EIS USER INTERFACE IN AN EFFORT OF DECISION MAKING ON DETERMINING A BENCHMARK FOR THE ELEVATOR BUILDING BY USING LOGISTIC REGRESSION AT AGUNG PODOMORO GROUP

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ABSTRACT

This research is taken place in Agung Podomoro Group, a world renowned real estate building developer. This research is about how to set a new benchmark by the executive levels of management for one of its utilities which is elevator. At the moment, they set the characteristics using their own instinct and is not effective and efficient.

There are several vital data for this research. The characteristics of the elevator which are operation, gear type, speed and capacity are taken into consideration in determining what the best pick for each characteristic are.

Those characteristic later on processed in the SPSS software using the logistic regression and then displayed as an EIS for the executive to see and taken that as a an input to help them weigh their option.

The result of this result with the help of SPSS software is that Traction Worm Gear is the best gear type to date for Agung Podomoro and they can view the result in a window display that enhance their productivity.

Keyword: EIS, logistic regression, statistic, benchmark.